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Attorney Docket No. 101792-200
U.S. Serial No. 10/077,727
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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Complete Listing of Claims:

1. Canceled

2. (Previously Presented) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a copper-containing compound selected from the group consisting of surface oxidized copper powder, cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting essentially of a copper pyrithione formed by reaction of pyrithione acid or a water-soluble salt of pyrithione with a portion of copper in said core, wherein said copper-containing compound has a water solubility of no greater than about 10 ppm.

3. (Canceled)

4. (Currently Amended) The composition of claim 2 wherein said core is present in said composition in an amount of from about 99 to about 60% by weight of the composition, based upon the total weight of said composition.

5. (Canceled)

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6. (Currently Amended) The composition of claim 4 wherein said copper-containing composite is present in said composition in an amount of from about 97 to about 86% by weight of the composition, based upon the total weight of said composition.

7. (Currently Amended) The composition of claim 2 wherein said copper pyrithione shell is present in an amount of from about 1 to about 40% by weight of the composition, based upon the total weight of said composition.

8. (Currently Amended) The composition of claim 6 wherein said copper pyrithione shell comprises from about 2 to about 20% by weight of the composition, based on the total weight of said composition.

9. (Currently Amended) The composition of claim 7 wherein said copper pyrithione shell comprises from about 3 to about 14% by weight of the composition, based on the total weight of said composition.

10. (Cancelled)

11. (Previously Presented) The composition of claim 41 wherein said fatty acid is selected from the group consisting of stearic, oleic, glycerol, and combinations thereof.

Claims 12 - 34 (Cancelled)

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35. (Currently Amended) The composition of claim 2 wherein the core material is copper I oxide and the shell is copper II pyrithione.

36. (Currently Amended) The composition of claim 35 wherein ~~the weight ratio of the~~ copper oxide to the copper pyrithione is in a weight ratio of from 5:1 to 15:1. and a coating diameter is about 1% of the particle.

37-39. (Canceled)

40. (Previously Presented) The composition of claim 2, wherein the copper pyrithione and the core are present within a weight range of ratios from 1:20 to 20:1 of copper pyrithione relative to the core.

41. (Previously Presented) A biocidal composition comprising composite particles, each of said composite particles containing a shell, a core and a fatty acid coating on said shell, said core consisting essentially of a copper containing compound selected from the group consisting of surface oxidized copper powder, cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting essentially of a copper pyrithione formed by reaction of pyrithione acid or a water-soluble salt of pyrithione with a portion of copper in said core, wherein said copper containing compound has a water solubility of no greater than about 10 ppm.

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